

The University Report
Carleton University
Ottawa, Canada

1969-1970

A faint, light-colored watermark of a classical building with four columns and a pediment is visible in the background.

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Faculty of Arts

Change is a characteristic of our times, both within and beyond the University. The year under review has brought many new facets to the life of Carleton University. We have decided that in our report on the Faculty of Arts for 1969-70 we shall concentrate upon four items: changes in enrolment and patterns of study, new teaching appointments to the Faculty, the constitution of Arts Faculty Board, and the new building under construction for occupancy by Division I of the Faculty of Arts in the fall of 1971.

Growth has been a constant characteristic and challenge to Carleton University during the past three decades. There are now 4,900 students following degree programs in Arts at Carleton University, 3,940 on the Rideau River Campus, and 960 on the campus of St. Patrick's College. The increase in enrolment during 1969-70 exceeded 23 per cent, as compared with 18 per cent increase in 1968-69, and 13 per cent in the year before. The trend to large enrolment in Arts thus continues, with the attendant problem of adjusting to increased teaching responsibilities and the attendant opportunity of developing new strength by deepening and broadening our course offerings. The administrative work of the year under review to a large measure has consisted of solving problems of the short term and grasping opportunities of the long term.

During the current academic year students enrolling in the First Year of the Faculty of Arts have been free to choose any five courses from a list of more than seventy-five open to them. Formerly students in the First Year had been required to select one course from each of five groups of subjects, thus ensuring a certain amount of structure and breadth in the initial year of study at the University. With the acceptance of the free choice principle, an academic counselling service was established and offered during the summer of 1969 in recognition of the need of freshmen students for such assistance. During

June, July, August and early September of 1969 more than eleven hundred freshmen students were interviewed by faculty advisors. Prescription of course patterns by faculty advisors did not replace the structure of the common First Year of the past, nor was it intended to do so, but freshmen students had an opportunity to discuss their academic interests and objectives with faculty advisors with the aim of making an appropriate selection of courses. It was clear in terms of student interest that an academic counselling service for freshmen students in Arts was needed, and such academic counselling will be offered again during the summer of 1970.

On looking back over 1969-70, it appears to us that the adoption of the "free choice" First Year has been the most significant single event as far as the Faculty of Arts is concerned. Although we are tempted to do otherwise, it is too early to assess the benefits derived from the "free choice" First Year or to discuss any disadvantages. In the past a student was obliged to follow certain compulsory courses in which he had little ability. The "free choice" principle relieves him of this obligation; he can avoid courses that he does not wish to take but he must assume the responsibility for the selection of a program of study which he thinks will serve his needs best and provide for a fruitful development of his abilities and talents.

At this point attention is directed to the distribution of students within the Faculty of Arts on the Rideau River campus. The Humanities have continued to experience steady growth in enrolment. The Social Sciences during the year under review had an increase of forty-six per cent measured in terms of course enrolments. There is no suggestion that this growth in the Social Sciences is unique to Carleton University. It is the common experience of most North American universities at the present time, and it is related to the fact that more and more students in an affluent society come to university with

a strong inclination toward "man-oriented" studies. By way of example, enrolment has quadrupled in the introductory course in Anthropology, doubled in Sociology, and relatively large increases in enrolment have taken place in Economics, Geography, and Law. Popularity of choice by students does not automatically bring intellectual excellence to the particular disciplines, and in fact it might very well have the opposite effect. The challenge for the Social Sciences is to meet the popularity of their teaching and research with solid contributions to learning.

On the St. Patrick's campus a heavy enrolment in the First Year coincided with the adoption of the free choice principle. There was a slight increase in the enrolment in first year courses in Humanities: English, Philosophy, Modern Languages; the enrolment was significantly higher in the introductory courses in the Social Sciences: Economics, Political Science and Sociology. With an overall enrolment of 960 students, St. Patrick's College division of the Faculty of Arts continues to develop as an undergraduate college with a limited enrolment, offering instruction in a limited number of areas, and providing a broad liberal arts education rather than one of intense specialization.

Increases in student enrolment, mentioned earlier in this report, have been balanced by increases in teaching strength. During the year under review there were fifteen new members of Faculty appointed in Division I, seventeen in Division II, and six in the St. Patrick's College division of the Faculty of Arts. Special mention will be made of a number of senior scholars who have joined the Faculty of Arts during the year under review.

Dr. P. Clive, formerly of the University of Hull, England, joined the Department of French as Professor. Mr. Cyril G. Williams, formerly of University College of South Wales, Monmouthshire, was appointed Professor of Religion and Chairman of the Department of Religion, after

having spent the previous year at Carleton University as Visiting Associate Professor. Mr. Melville W. Thistle, longtime Chief of the Public Relations Office of the National Research Council, was appointed Professor of Journalism. Mr. B. F. Mogridge from the University of Cambridge joined the Department of German as Associate Professor.

During the past several years Comparative Literature has been developed by the cooperative efforts of a number of language departments. In 1969-70 Dr. Hans-George Ruprecht was appointed Assistant Professor of Comparative Literature and German as a first appointment in this field of study.

Mention should be made of three appointments in Division II of the Faculty of Arts. Over the past five years there has been considerable development in the interdisciplinary field of Soviet and East European studies at Carleton University, with the participation of the Departments of Economics, Geography, History and Political Science. Dr. B. R. Bociurkiw, an established scholar in this field, joined our Faculty as Professor of Political Science with a particular responsibility for the development of Soviet and East European studies at Carleton. Dr. Z. A. Jordan, formerly Reader in Sociology at the University of Reading, was appointed Professor of Sociology. Dr. J. Peter Williams, formerly of the National Research Council, was appointed Associate Professor of Geography.

The Faculty of Arts has been well served by a number of distinguished Visiting Professors during 1969-70. Dr. J. A. Corry, formerly Principal of Queen's University, Dr. David C. Corbett of Flinders University of South Australia, and Dr. Jean F. P. Blondel, Professor of Government at the University of Essex, were Visiting Professors during the past academic year in our Department of Political Science. Dr. Leandro Tormo Sanz of the Instituto de Cultura Hispanica, Madrid, was Visiting Professor of Spanish.

During the academic year 1969-70 a number of distinguished scholars from other parts of the world visited the Carleton campus for short periods of time to deliver lectures or seminars for the benefit of the university community. The list of such persons is now too long to permit inclusion in this report.

Attention is now directed to the constitution of Arts Faculty Board. The most important matter of debate before the Board of the Faculty (which, under the new system of university government, includes student representatives) was the report of the Faculty. The key recommendation of the committee was the setting up of an Academic Planning Committee, which would have the task of planning curricula developments in the Faculty, of co-ordinating the introduction of new programmes, of establishing priorities for new fields of study and new programmes, and for advising on the use of resources within the Faculty. In keeping with the policies of New University Government, there will be student members of this Academic Planning Committee, which will supersede the present Honours and Curriculum Committee of the Faculty. Among other recommendations of the Survey Committee was the suggestion that the Secretary of the Faculty should chair the meetings of the Faculty Board, thus giving the Dean, who at present chairs the meetings, an opportunity to contribute his own views to discussions. The report was debated at a series of special meetings through the year, and was adopted by the Board with only comparatively minor changes. It has since been received by the Senate, and is now binding on the Faculty, requiring a two-thirds majority vote of a meeting of the Faculty Board to alter it.

Finally, mention must be made of the Tower under construction for the Faculty of Arts. Paterson Hall, the first Arts building constructed on the Rideau River Campus, has for some time been too small to accommodate all of the Humanities Division of the Faculty. In November, 1969, the Board of Governors approved the construction of a twenty-two storey tower on the northwest

corner of the University quadrangle to provide new facilities for the Humanities Division and, initially, for the Department of Mathematics. The building is scheduled to come into use in September, 1971.

G. C. Merrill
Dean
Faculty of Arts

A. T. Tolley
Associate Dean
Division I
Faculty of Arts

J. J. Kelly
Dean
St. Patrick's College division
Faculty of Arts

The Faculty of Science

The present year has been one of solid growth and one which was characterized by the lack of spectacular events. In keeping with present trends in education, a more permissive first year has been introduced, so that a student could take two university courses in one subject. This does not mean that the common first year in the Faculty of Science, wherein a student would take a course in Mathematics, an Arts elective and three Experimental Sciences, has been abandoned, but it does mean that if a student has a burning passion to begin detailed work in any one subject, he may be permitted to take two introductory courses in that subject.

Associated with these changes, the Faculty has voted to modify its method of promotion at the end of the first year. The new regulations will attempt to take an overall view of a student's performance and assess his potential for University work. Should he fail to meet the acceptable standards, he may be allowed to repeat his first year a second time. This decision of the Faculty was in large measure a response to the present state of fluctuation and evolution of the present Grade 13 program of the Ontario high schools, wherein external examinations have been discontinued and teachers have been given a great deal of freedom in the curriculum and method of teaching to be followed. The pessimists among us felt that in the not-too-distant future, the examinations at the end of the first year of University work may well be the admission to true University work.

Under the aegis of a committee established by the Faculty, the question of a general degree in Science has been discussed at some length and estimates have been made to ascertain whether there would be a market for such graduates. The purpose of this program would be to give students a literacy in Science and a familiarity with such fields as Journalism, Economics, personnel aspects of Psychology, etc.

The main public events in which the members

of the Faculty participated during this last year were:

- (1) the opening of the Controlled Environment Centre for studies in Biology by Dr. K. V. Thimann of the University of California.
- (2) the series of lectures on the "Fossil Record" presented by the Departments of Biology and Geology, and
- (3) the Eastern Regional Nuclear Physicists Conference.

Lastly, the Faculty has continued its attempt to aid and encourage the high school teachers to take refresher courses for updating and for taking additional work in Science to improve the quality of their teaching. Many of us regret the schism that has developed between the high school teachers and University instructors, and feel that we should attempt to bridge this gap in order that we can learn more about the work of the high schools and high school teachers, and so that they might become more familiar with the work being done in Universities and the research programs being followed.

As usual, the different departments have taken full advantage of their position in Ottawa to invite many outside visitors to the city to visit the University and present seminars and lectures. Needless to say these visitors and their talks have had a great effect in stimulating the graduate students and also the members of faculty.

Visitors to the Faculty of Science include:

Professor K. V. Thimann, University of California, Santa Cruz

Professor A. S. Romer, Harvard University

Dr. A. M. Seligman, Johns Hopkins University, Baltimore

Dr. T. F. Neales, University of Melbourne, Australia

Australia

Dr. T. P. O'Brien, Monash University,
Australia

Dr. O. Hartmanshenn, Centre d'Etudes
Nucleaires de Saclay, France

Dr. J. R. Bull, National Chemical Research
Laboratory, Pretoria, South Africa

Dr. J. Goad, Department of Biochemistry,
University of Liverpool, England

Professor K. Nakanishi, Department of
Chemistry, Columbia University, New York,
U.S.A.

Dr. Carleton Hsia, now at National Research
Council, Ottawa, formerly from the Depart-
ment of Biophysics, University of Hawaii

Professor P. C. Gravelle, Institute de
Recherches sur la Catalyse, Lyons, France

Dr. A. F. Thomas, Firmenich and Company,
Geneva, Switzerland

Dr. Michael Hair, Corning Glass, Corning,
New York, U.S.A.

Dr. G. Harbottle, Brookhaven National
Laboratory, Upton, Long Island, New York,
U.S.A.

Dr. J. R. Jones, Sussex University, England

Dr. J. William Schopf, Department of Geology,
University of California, Los Angeles,
U.S.A.

Dr. Frank H. T. Rhodes, Department of
Geology & Mineralogy, University of Michigan,
U.S.A.

Dr. F. J. Pettijohn, Johns Hopkins University,
Baltimore, Maryland, U.S.A.

Professor S. E. Dickson, Iowa State University,
U.S.A

Professor M. Auslander, Brandeis University

Professor N. Blackburn, Illinois University,
U.S.A.

Professor S. Eilenberg, Columbia University,
U.S.A.

Professor G. E. Lorentz, Syracuse University,
New York, U.S.A.

Professor B. H. Newmann, Australian Na-
tional University, Canberra

Professor A. M. Herzberg, University of
London, England

Professor H. Federer, Brown University,
Providence, Rhode Island, U.S.A.

Professor K. Kuratowski, Polish Academy of
Science, Warsaw, Poland

Professor G. Szekeres, New South Wales

Professor R. F. Mozley, Stanford Linear
Accelerator Centre, U.S.A.

Dr. G. Backenstoss, Cern, Geneva,
Switzerland

Professor Y. Ne'eman, University of Tel Aviv

Academician P. L. Kapitza, Institute for
Physical Problems, Moscow, U.S.S.R.

Professor B. B. Kinsey, University of
Texas, U.S.A.

Professor A. Ramakrishnan, Director of the
Institute of Mathematical Science, Madras

H. H. J. Nesbitt
Dean, Faculty of Science

Faculty of Engineering

The early years of this decade will be a time of challenge for Engineering education in Canada. According to the annual survey conducted by the Engineering Institute of Canada, enrolment in Engineering increased by less than 500 students to bring Canada's total undergraduate enrolment to just over 23,000. This very small increase of 2% illustrates very clearly the relative decline of engineering enrolments in Canada. Undoubtedly there are many causes - an awakening social awareness in young people and an upswing in the popularity of the social sciences, a growing tendency to blame science and technology for many of the evils of current society, various educational trends in the secondary schools, to name but three - and many of the underlying causes can not or should not be changed. In the long haul, however, any drift away from the physical sciences and the applied sciences will have serious consequences for Canada. This country does not possess great reserves of technological strength, and our relative position is already weakening.

The challenge has several facets. In a time of rapid technological change, when concepts, methods and problems rise and fall with yet greater rapidity, the identification of the real "basics" and the proper methods and directions of approach are difficult. All of us, faculty and students alike, could be buried under an avalanche of information. At the same time the need for an increased human element in the management of technological development is clearly obvious. All this notwithstanding, the engineering program already calls for a high level of dedication on the part of all students of Engineering. It may well be that a pause in overall numerical growth and in the problems of such growth, will be welcome and even necessary in order to allow time to approach these challenges.

A significant activity within the Faculty of Engineering during the 1969-70 session has been a complete review of the undergraduate curriculum. As a result, a modified undergraduate program was presented

to and adopted by the Engineering Faculty Board and the Senate. As its principal features, the new curriculum introduces a theme of Engineering synthesis, design, and methodology; reduces the basic core of required courses in the first three years of the program, and introduces, for the first time, electives; and increases the Engineering content in the first two years. The review reinforced this Faculty's commitment to a broad, generalized approach to Engineering which is, in Canada, essentially unique. In Engineering at Carleton, we try to avoid the extremes exemplified by the handbook approach on the one hand and by the highly abstract and theoretical approach on the other. Fifteen years ago, Engineering programs began to move significantly in the direction of Pure Science; in 1970 it appears appropriate to move back more in the direction of Engineering - but, we hope, Engineering with a difference.

The final form of our curricular development is not yet clear, but it can be argued that tomorrow's Engineering will be based on four fundamental aspects: a clear and basic understanding of the principles of science, engineering and mathematics which underly applied science; a managerial or systems approach to the organization of technology, resources and information; a deep appreciation of the human goals upon which all technological and scientific activity should be based; and the creative and innovative abilities of man. At Carleton the program reflects all these aspects; the modes and methods are evolving.

During this last year, some specific efforts were made to investigate new approaches to the content of courses and to the method of presentation. As a prologue to the curriculum changes, the first year course in Engineering Drawing and Geometry was, in the second term, oriented more towards an introduction to Engineering design and methodology, and a course project was introduced. The class was broken down into

some 30 design teams of about seven members each and each group was assigned a faculty adviser. The resulting designs have received wide attention. In the second year, a course on mechanics was based on a programmed learning test, and at the graduate level, a course in highway geometrics made extensive use of videotape material. In many other courses, to a greater or lesser extent, new approaches to the processes of learning and teaching were attempted. Computing Science was another area of considerable new activity this last year. A program, designed for a wide segment of the University community, including students in the physical sciences, the social sciences, economics and commerce was introduced. It is now possible for a student majoring in one of the more established disciplines at Carleton to establish a "minor" program of study in Computing Science, even to the extent of acquiring sufficient preparation for post graduate studies in this area. Another major development in computing was the introduction of time-shared facilities. Teletype terminals connected by telephone lines to computers in Ottawa, Montreal, Toronto, and various United States locations were made generally available to a large number of students, including those enrolled in the general Computing Science courses and the students in Engineering as well. In fact, some terminals were made available in laboratory areas as a first step to "on-line" data analysis. Increasingly, libraries of special programs are being accumulated to assist the design and analysis activity in several courses.

The facilities and activities of the Faculty were displayed to the general public and to the University community during an Engineering Open House held during the winter session. The enthusiastic response of our visitors was most gratifying to the many students and faculty members who contributed to this event. The Open House was a co-operative venture by the Carleton University Student Engineers Society and the Faculty of Engineering.

Graduate and research activities continued

at a higher pace than ever before. No major new areas of activity were introduced, but rather efforts were made to rationalize and to strengthen existing areas of interest. The Division of Electronics and Materials Engineering concentrated on bringing into operation their new solid state device fabrication laboratory and on their efforts in electron beam applications. In the Division of Systems Engineering, graduate research centres about the application of optimization techniques to engineering systems. Recently, this work has concentrated particularly on communication systems problems and on certain control problems with medical applications. A program to upgrade the Division's hybrid computing facility has commenced. The Division of Solid Mechanics and Structural Engineering significantly increased its graduate and research activities. One significant milestone was the award of the first Ph.D in the area of Structural Engineering at the 1970 Spring Convocation. As well, new testing and research facilities were installed. In the Division of Aerothermodynamics, a wind tunnel facility was commissioned and, to aid recently commenced researches in noise pollution, equipping of an acoustic laboratory was begun. Finally, the Faculty has undertaken an increased activity in Transportation Engineering.

A number of new faculty appointments have been made, and the Faculty has taken on its first postdoctoral fellow. We have been particularly fortunate in being able to recruit W.J. Rainbird, formerly head of the High Speed Aerodynamics Section of the National Research Council as Chairman of the Division of Aerothermodynamics.

In closing, I would like to take this opportunity to thank all those who have helped me in the administration of the Faculty during my first year as Dean. Particularly, I would like to thank the Chairmen, Professor D.A.J. Millar, professor W. Wright, and Professor A.R. Boothroyd, and also Professor D.A. Kasian-

chuk, Professor F. W. Black and Professor C. R. Thompson.

Donald A. George, Dean
Faculty of Engineering

School of Architecture

After a year of operation with an interim program, the School of Architecture offered both the First and Second years of its new curriculum to students in the 1969-70 session. An additional year of the program will be offered each succeeding year until the full five-year program is in operation in the 1972-73 session. The first students will graduate in June, 1973.

The details of the Third Year have been approved by the Senate for implementation in September, 1970. The Faculty of the School are now at work on an investigation of the feasibility of offering additional degree programs in conjunction with the program in Architecture, and on the implications of such a move on enrolment, staff, space and other problems. They expect to produce a development schedule in the Fall for submissions to Senate and the Province.

Ninety students were enrolled in this past session and a rapid increase in enrolment is forecast. It has been necessary to restrict the enrolment because of the very large number of applications received for the seats available, and these are limited because of the nature of the program which requires individual work stations for each student. The School now occupies space in the C.J. Mackenzie Engineering Building which will be adequate for another year or so, by which time it expects to move into a new building now in the design development stage. Longer range planning already suggests that a second phase of construction for Architecture will be required quite soon after this first project is completed.

Douglas Shadbolt, Director
School of Architecture

Faculty of Graduate Studies

This year the Dean of the Faculty of Graduate Studies is compiling a new and much more extensive Dean's Report. It will become an annual publication to be distributed in the Fall within the University community. The first will appear this November.

It is hoped that through a much expanded statistical and prose presentation, persons involved in graduate studies may be better able to evaluate the year past - by seeing trends not otherwise apparent on this campus. Through comparative figures with previous years and with other institutions in Canada, we intend to provide a format which will be informative and which will stimulate the very necessary continuing dialogue concerning the development of graduate studies at Carleton.

The following reports, written by the directors of the schools of public administration, international affairs, social work and the institute of Canadian studies, will be included in the new report, as will the traditional submissions covering fellowship-holders, theses, degrees awarded, and enrolment.

John Ruptash
Dean, Faculty of Graduate Studies

School of Public Administration

Enrollment in the regular academic programmes of the School of Public Administration totalled 389, comprised of 100 full-time and 289 part-time students. In the M.A. programme there were 18 full-time and 65 part-time students; in the Graduate Diploma programme 42 full-time and 121 part-time students; in the Certificate in Public Service Studies programme 7 full-time and 67 part-time, with an additional 35 students taking qualifying courses for the programme. In addition, there were 8 students in the Honours B.A. programme, and 26 in the special course in Public Administration for overseas students.

During the year there were 69 graduates -- 18 received the M.A. degree; 35 were awarded the Graduate Diploma; 16 were awarded the Certificate in Public Service Studies.

The Special Course in Administration for Overseas Public Servants, sponsored by the Canadian International Development Agency, had 26 students from 14 developing countries, and 25 of these qualified for a certificate showing satisfactory completion. The course was co-ordinated by Mrs. Audrey Doerr, who, with Mr. David Watters, instructed the class in Public Administration. Dr. T.N. Brewis and Mrs. S. Isaac of the Department of Economics presented a special course in Economics. The class took Political Science 100 under Professor C. Dalfen, with discussion groups led by Mrs. Doerr.

The Senior Officers' Course for Overseas Public Servants, sponsored by the Canadian International Development Agency, and running for twelve weeks, is not being offered in the summer of 1970, but will likely be revived a year hence.

The School of Public Administration is grateful to the members of the University staff and to the many prominent Canadian public servants for their help and co-operation with the programmes in Public Administration during the year.

R.O. MacFarlane, Director
School of Public Administration

Institute of Canadian Studies

All but one of the 20 students admitted to the M.A. program in Canadian Studies in the fall of 1969 were full-time, three in the qualifying year, 16 in the final year (although two of the latter, by their own wish, are spreading their programs over two years). The emphasis on full-time students has been deliberate since experience has shown how much more is to be derived from interdisciplinary work when a student is engaged in it on a full-time basis. As noted in earlier reports, the whole purpose of the program in Canadian Studies is to enable each student to examine the particular problems or phenomena that interest him from a variety of disciplinary perspectives. Clearly, he can do so most effectively, and with the best hope of integrating the diverse approaches, if he takes his program in a package rather than piece-meal.

The calibre of the students continues to be high. All enter the program with high second class or first class standing and generally emerge with very good standing, too. Increasingly, a full calendar year is required for the M.A. year. Only one of the 1969-70 students completed his work in time for the spring convocation. The remainder are expected to graduate in the fall. Judging from recent experience, however, whether the time taken to complete the M.A. is an academic year or a calendar year, our students seem to be intellectually strongly motivated. A number of last year's students have already published articles based on their M.A. theses and several are now embarked on Ph.D.s.

As in previous years, our students come to us with a variety of disciplinary backgrounds and take a variety of courses and combinations of courses in the humanities and social science departments at Carleton. The Institute does not itself offer courses, except for an interdisciplinary seminar, since to do so without a very large and varied staff

would rob our M.A. of its flexibility in meeting the particular interests of each student. The success of the program depends in large part, therefore, on the willingness of all the humanities and social science departments to welcome Institute students into their Canadian-oriented courses, to make teaching or research assistantships available to them, and to help supervise their theses and papers. It is a pleasure to report the excellent cooperation of all concerned.

Although not a teaching department, the Institute does offer, as noted above, one interdisciplinary seminar, Canadian Studies 500, which is open to all final year M.A. students in the program and is generally taken by most of them. Even those not taking it for credit -- since it may not fit in to their particular programs -- generally participate in it for a period of time during the year. The subject of the seminar in 1969-70 (to be repeated in 1970-71) was "Conflict in Canada". The professors taking part in the seminar, in addition to the Director of the Institute, were sociologist Hubert Guindon (whom the Institute shared with the Department of Sociology in 1969-70) and geographer Edward J. Miles (who was the Institute's Visiting Fellow in 1969-70). Professors R.L. McDougall of the Department of English and Harald Von Riekhoff of the Department of Political Science also gave valuable assistance.

An informal non-credit seminar was also held this year about once a month, on Friday afternoons, enabling all students in the Institute, together with the Director, to discuss their common interests and problems. This proved to be, along with the interdisciplinary seminar, an excellent instrument of cohesion for the group. In addition, the Friday afternoon meetings afforded us an excellent opportunity to have guest speakers from time to time. Highlights this year were the talks given by Professors F.H. Underhill, F.R. Scott and J.A. Corry on the ideas, books and people they felt

had most shaped their lives and philosophies. Recordings of these talks and, we hope, of talks given by distinguished Canadians at future Friday afternoon meetings of the Institute, will be made available to all members of the University.

The Institute is suffering one loss in 1970. Professor R.L. McDougall is resigning as Editor of the Carleton Library. His eight years as Editor have been of enormous value to the Library and the University and it is with great regret that we see him go. The only consolation is that Professor D.M.L. Farr of the Department of History has agreed to take on the Editorship for a year. Furthermore, we hope to have as a Visiting Fellow in the Institute next year an Executive Editor who will assist Professor Farr and the Editorial Board in their work.

Pauline Jewett, Director
Institute of Canadian Studies

School of International Affairs

The number of students in this M.A. program of interdisciplinary studies continued to grow during the past year, with about 35 enrolled in the M.A. year and about half this number in the qualifying year. Almost all of these students were in full-time attendance.

The main areas of specialization in the School's program continued to be political and economic integration, with particular reference to Western Europe and North America; economic and political development; relations among East European countries; and studies in strategy and security. Interdisciplinary seminars on the first two subjects were offered again during the 1969-70 academic year, and a seminar on relations among East European countries was offered for the first time. This seminar benefited from the participation of several specialists on East European affairs who were invited jointly by the School and the Soviet and East European Studies Program. Each student in the M.A. year takes one of these seminars, and the number attending each seminar includes ten to fifteen students, along with three or four faculty members representing the relevant disciplines, including political science, economics, sociology, geography, history, and law.

Each year the School invites a number of Visiting Professors to participate in the seminars and to give special half courses on subjects on which they have special expertise or experience. This year the School was fortunate in having as a visitor Bastiaan van der Esch, legal adviser to the Commission of the European Economic Community in Brussels, who assisted greatly in the seminars on integration. Two visitors with special knowledge of the problems of developing countries were Mr. Gordon Goundrey, at present senior economist with the Commonwealth Secretariat in London, and Mr. Malcolm MacDonald, formerly British High Commissioner in many countries of Asia and Africa during the early stages of national independence.

The School suffered a severe loss in the untimely death in September, 1969, of the co-holder of its Chair of Strategic Studies, Charles M. Foulkes. During his two years at Carleton, the former Chief of Staff won the admiration of both faculty and students for his wide-ranging interest, wisdom, and enthusiasm. We were fortunate in having as visiting co-holders of the Chair Mr. Michael Sherman and Mr. Johan J. Holst, both formerly with the Hudson Institute in New York.

A highlight of the teaching program was the seminar offered by Professor Lester B. Pearson on postwar security problems. It is reported that students were sometimes able to draw Mr. Pearson into reminiscences on Canadian political life. Another special seminar was that offered by Allan E. Gotlieb, Deputy Minister of Communications, on the space and ocean floor law.

The School sponsored two conferences jointly with the Canadian Institute of International Affairs. One, at the end of November, centred on the Pearson Commission report, "Partners in Development." Participants included graduate students from several Canadian universities and several distinguished visitors, including Sabura Okita from Japan, Enrique Iglesias and David Pollock from the Inter-American Bank, and Montague Yudelman from the OECD Development Centre in Paris. Public addresses were delivered by Professors Goundrey and Pearson.

The second conference, held in the first week of March, was a small seminar of specialists focusing on the Strategic Arms Limitation Talks. The seminar opened with a public lecture by Donald G. Brennan, former Director of The Hudson Institute.

In addition, a one-day conference on May 23, 1970, on Southern Africa was jointly sponsored by the School and the Programme of International Studies at the University of Toronto. The Department of External Affairs participated actively in these sessions, and the Secretary of State

entertained the group at a luncheon.

The research and publication program of the School was further developed during the year. As well as the research activities of the seminar participants, the School benefited from the presence of a new Senior Research Fellow, General E.L.M. Burns, former Chief of Canada's delegation to the Geneva disarmament talks. A new postdoctoral fellow, Michael Morris, arrived early in 1970 to extend his work on the western hemisphere security system to a consideration of Canada's role in this system. The "Occasional Papers" series was greatly extended during the year -- five new papers were issued; and a new series on "Current Comment" was initiated. Following R.A. MacKay's departure to take up his duties as Royal Commissioner in the Caribbean, Professor J. George Neuspiel took over responsibility for the publication series.

The development of the program of the School continues to depend upon the co-operation of the several departments who share faculty with the School and whose courses are open to students of the School. As in the past, several of the M.A. graduates of the School have elected to go on to Ph.D. studies at Carleton. While these are mainly focusing on political science, at least one has been accepted in Ph.D. studies in economics. Still others have taken up positions with federal and provincial governments, and advanced work at other universities, particularly in North America and Europe.

H.E. English, Director
School of International Affairs

School of Social Work

Enrolment in the School of Social Work increased to 100 students, 46 men and 54 women, all of whom were full-time. Forty-five students were registered in Year II; 55 in Year I. All Canadian provinces with the exceptions of British Columbia and Newfoundland were represented in the student body; 28 universities were the sources of their undergraduate degrees. Eighty-two students received financial grants with a total value of \$175,000, of which 61 involved work commitments of varying duration. Five students in the School were recipients of National Scholarships. At the Spring Convocation 42 received the Master of Social Work degree.

During the year, the School was reviewed for re-affirmation of accreditation by the Council on Social Work Education. This involved preparation of a Self-Study Report, followed by an on-campus visitation by an evaluating team. The process culminated in the Commission on Accreditation of the Council unanimously re-affirming accredited status and complimenting the President on "a fine school in an outstanding university."

Planning for expansion of the program has had to be held in abeyance because of present limitations in physical space.

Swithun Bowers
Director, School of Social Work

Drama

More innovations were introduced this year into the dramatic program at Carleton. The season began with the Frosh Revue presented by the Sock'n'Buskin Club. Later in the first term this club also performed The Life and Death of Sneaky Fitch, a comedy directed by Lorne Magory a student at Carleton. This production was followed by an experimental workshop introduced by Don Bouzek who is also negotiating for an additional theatre at St. Patrick's College. Mr. Bouzek also directed a highly successful series of plays which were presented in the lounge of the Paterson Arts Building. This production consisted of several short plays written by authors such as Tom Stoppard, Jean Anouih, and Harold Pinter.

In the first term the Department of English and the Committee of Fine Arts presented a very popular production of The Killing of Sister George by Frank Marcus and directed by Patrick Dunn. Following this play the Sock'n'Buskin Club presented a successful production of Harold Pinter's The Homecoming, which was directed by Kenneth Chubb. In December, two students from Carleton University introduced another unique event. Shawn Haley and Carol Wilson directed Elenor Perry's David and Lisa, which was cast from Glebe Collegiate and Carleton University. This is the first time that Carleton and a high school have amalgamated in order to present a dramatic production. David and Lisa was performed on the stage of Glebe Collegiate and was highly praised by the critics. The headline of the review in the Ottawa Journal read: "Carleton, Glebe Play makes Drama History".

It is hoped that in the future our co-operation with Ottawa high schools and St. Patrick's Campus continue.

Professor Fers of the Department of French directed Molière's famous comedy

Le Médecin Malgré Lui in January. Professor Fers' play ran for two evenings and attracted considerable interest. The presentation was attended by delegates from the other French embassies.

The Russian Club participated in the University of Waterloo Festival for all university Russian Clubs throughout Ontario. Carleton's presentation consisted of a choir, folk dancing and instrumental recitals. Once again Carleton's effort received acclaim. The same program was presented at Carleton University during Variety Week.

Also in January the Department of English and the Committee of Fine Arts sponsored a production of Jean Genet's Deathwatch, which was directed by Patrick Dunn. Despite the esoteric nature of this play, the Alumni Theatre was filled to capacity every evening. Deathwatch was preceded by the Spanish Department's production of Bodas de Sangre by Garcia Lorca and directed by Professor Lopez-Fernandez. The play was well received by both the critics and the audience.

Following the trend towards theatre innovations at Carleton, a play was presented which was written by a Carleton student, William Lane. Life Style was a fascinating example of avant-garde theatre. Mr. Lane is the current artistic director of the Sock'n'Buskin Club. This club also presented a highly controversial production of Tom Paine written by Paul Foster and directed by Ronald Singer. Mr. Singer was a guest director from the National Arts Centre and his work on the play resulted in an exciting and unique theatrical experience.

In November a production of Iphigenie auf Tauris was presented by Die Schauspieltruppe Zurick (in German) which was sponsored jointly by the Department of German and the German Language Club of Ottawa and the Gert von Gontard Foundation,

Inc.

A third innovation this year was the introduction of a course in the Department of English, which offered academic credits to those students who participated in the production. The presentation of Cupid and Death was produced by Robin MacDonald of the Department of English and directed by Shawn Haley. This production was staged in the Commons Lounge in Glengarry Residence. It was graced with the presence of the Portuguese ambassador on opening night.

The attendance at this seventeenth century masque surpassed all expectations and received extremely favorable comments from the audience and critics.

It is anticipated that the expansion of dramatic presentations will continue at an unprecedented rate at Carleton.

Marilyn Marshall
Chairman, Fine Arts Committee

Carleton Chamber Concerts

Saturday, November 15, 1969

The Brussels Chamber Orchestra (playing music by Fux, Bach, Marcello Barber and Shostakovich).

Saturday, December 6th, 1969

The Deller Consort (with music by Purcell, Buxtehude, Clarke and English and Italian madrigals).

Saturday, January 31st, 1970

The Manitoba University Consort (with music by composers under the patronage of the Emperor Maximilian I).

Saturday, February 21st, 1970

The Bartok Quartet (with music by Beethoven, Mozart and Bartok).

Noon-Hour Concerts, sponsored by the
Department of Music, 1969-70

Friday, February 13th, 1970

Concerto in A minor for Flute, Strings and Harpsichord by A. Scarlatti; Concerto for Guitar by Vivaldi; Trio in G Major for Flute, Violin and Violoncello by Stamitz.

Judy Tant, flute; Julie MacDonald, violin; William Amtmann, viola; Carl Amberg, violoncello; Bill Bowen, harpsichord; Gilles Naud, guitar.

Friday, February 20th, 1970

Quartet for Piano and strings, J.C. Bach; Lento from Quartet op. 26, Benjamin Frankel; Adagio and Rondo, Schubert.

Jean Trevelyan, piano; Michael Stevens, violin; William Amtmann, viola; Adrian Rys, Violoncello.

Friday, March 6th, 1970

Concerto in B for trumpet by G. P. Telemann; Piano Music by Debussy; Four pieces for guitar by Yepes, Crespo, Albeniz and Naud; Suite for flute, clarinet, horn, bassoon and piano by Papineau-Couture.

John Tickner, trumpet; Nancy Thornton, piano; Gilles Naud, guitar; Judy Tant, flute; Jim Wegg, clarinet; Charles Jefferson, French horn; Alan Mortimer, bassoon; Susan Adams, piano.

Friday, March 13th, 1970

Sonata in A Minor by G. P. Telemann; Recorder Music by Brumel, Dufay, De Orto, Susato, Byrd and Purcell; Quartet in D Major by J. C. Bach.

Judy Tant, flute; William Amtmann, violin; Carl Amberg, violoncello; James Bailey, harpsichord; Nancy Finlayson, Ros Morley, Judy Trousdell, James Bailey, recorders.

John Churchill
Department of Music

Exhibitions, 1969-70

During the academic year 1969-70, Mrs. P. Godsell hung the following exhibitions:

Paterson Hall

July 1969 (in collaboration with Information Office): C.I.L. Art Exhibit (36 original paintings), catalogue.

Sept. 3-24th, 1969: Pirelli Centennial Collection of Paintings (12 original paintings), catalogue.

Oct. 1-22nd: Royal Monuments in Westminster Abbey (41 photographs, circulated by the British Council), small catalogue prepared.

Oct. 28th - Nov. 10th: Illustrations to the Book of Job by W. Blake (42 colour reproductions, circulated by the British Council), small catalogue prepared.

Tory Building

Nov. 19th - Dec. 10th: Gems of Textile Handicraft (circulated by the German Embassy) (70 original examples of textile).

Jan. 27th - Feb. 17th: Art as Revelation: a Project for Aesthetics (organized in collaboration with the Department of Philosophy) (15 original paintings by Rolland Proulx).

Mar. 4-25th: Canada at Expo '70 (circulated by the National Gallery of Canada) (19 didactic panels, 1 model of Canadian Pavilion).

II Level, Loeb Building

March: Children's Art (organized in collaboration with the Department of Psychology and the Nursery School) (various banners on which paintings were loosely attached).

9th Floor, Loeb, "Gallery"

Oct. 15th - Nov. 15th: Egyptian Wall Paintings (circulated by the National Gallery of Canada) (34 colour reproductions).

Feb. 2nd - 23rd: Drawings of Leonardo da Vinci (circulated by the Art Gallery of Ontario) (43 reproductions).

Mar. 2nd-23rd: Rembrandt Drawings (circulated by the Art Gallery of Ontario) (33 reproductions).

Jan. 15th - Feb. 15th: Romanesque Painting in Spain (circulated by the National Gallery of Canada) (30 colour reproductions).

Mary-Louise Funke
Chairman
Department of Art-History

Extension Division

Adult education is currently one of the operational sections of the Registrar's Office. The Division of Extension has direct administrative responsibility for developing and facilitating the University's most appropriate role in serving the Ottawa metropolitan community through non-credit courses and public lectures.

During the past year, the Division sponsored or co-ordinated the offering of 23 courses in the fields of liberal arts, business, public administration, language, and communication arts. Total registrations amounted to 868.

As a result of extensive community liaison and more effective communication with Carleton faculty, the Division has succeeded in expanding next year's non-credit program by almost 100 per cent.

A second significant aspect of the Division's responsibilities is the administration of public lectures given on and off campus by distinguished visiting lecturers. During 1969-70, the Departments of Classics, Comparative Literature, English, French, Geography, Geology, German, Religion, Sociology, Spanish and Soviet and East European Studies sponsored lectures of interest to a total audience of 7,730 persons. The most notable public lecture series (with their combined attendance) were the Soviet and East European Studies' "The Communist States in Disarray" series (1,725); the Geography Department's "Africa '70" series (1,675) and "Art of the Geographer" series (840); and the Geology Department's series "The Fossil Record" (1,045).

The dissemination of information on these extension activities is rapidly becoming a tangible expression of the University's utilization of its resources for public benefit. After a year's operation, the Division of Extension has come to be identified as an important two-way link with the Ottawa community.

Several structural changes over this past

year have led to a more centralized and responsible administration of the University's extension function and resulted in more dialogue and coordination between the various offices and committees having responsibilities in this area. These and other adjustments have effected a vigorous and more meaningful adult education role by the University.

James G. Murray
Assistant to the Registrar
Part-time and Extension

The Library

Carleton is one of the four large or medium sized universities in Canada which supports its library to the extent of allotting 10% or more of its funds for library purposes. Supported generously as we are, the Librarian and his staff have an obligation to see that as great a percentage of these funds as possible should be used to purchase books and provide readers with essential services.

It is with this in mind that during the first eighteen months of my tenure as University Librarian we are examining not only what these essential services are, but how essential they are in comparison with each other, and the cost of providing them. We are most of us, I think, agreed that a library needs some sort of catalogue. Should it be a bare finding list, a full bibliographical tool with all its complexities, or a compromise? Is the gain in usefulness of a full catalogue significant when measured against the cost of its production and the increasing availability of bibliographical aids produced by outside organizations? Have different groups of users such different needs that these can be separately treated with resultant general economies and more appropriate service? To what degree can specialist librarians be regarded as an improvement on a file of cards when it comes to searching for information, as opposed to merely finding a book or periodical? Can these individuals play a still more important role in the educational function of a university library, namely, that of teaching successive generations of students how to seek information intelligently and successfully? We hope that an examination of these needs, coupled with a knowledge of the mechanical techniques of data handling now available, will help us to make decisions which will enable Carleton University Library to serve the university better during the next few years.

Divisional Libraries

It has become apparent that the library has reached a size (over 1/2 million items) and complexity at which its organization as a single unit will have to be supplanted either by a divisional structure, or by separation into a research and an undergraduate library. After consideration of Carleton's own policies of development, the blurring of traditional lines of distinction between junior and senior undergraduate courses, and the experiences of librarians on this continent who have built undergraduate libraries, it has been decided to prefer a divisional structure which will make each division responsible for the undergraduate services in its area. This is an important step, since the planning of the new library extension will inevitably reflect the decision not to provide a separate undergraduate library.

Divisional staff will henceforward provide reference services in their field, and will work in close co-operation with other members of the university in building up the library's collections. To enable the staffs of the divisions to service their collections, it has been decided to provide an author/title catalogue for each division, by filming and printing the present main catalogue. A useful by-product of this operation is a film of the main catalogue which will be a security against total destruction of the main catalogue or a portion of it. The provision of divisional catalogues will also mitigate the inconvenience caused by the lack of elevators.

The libraries of the St. Patrick's College Campus will form a division of the university library, and will continue to provide a collection which will reflect the composite needs of the undergraduates of the College and the School of Social Work.

The Collections

Miss Hilda Gifford, University Librarian from 1948 to 1969, took up her new duties as Collections Librarian on 1st October 1969. She will co-ordinate the building up of the library's collections, in conjunction with the staff of the divisions and the faculty, and will in particular pay special attention to retrospective buying, second-hand purchases, and the acquisition of collections of material. Miss Gifford has made three visits to Europe this year, and has amply demonstrated the success of our policy of visiting our second-hand dealers regularly. It is possible on such visits to pick through much uncatalogued material, and booksellers are more willing to give special treatment and concessions to those who take the trouble to visit them.

The decision was made in October to go ahead with plans for acquiring current imprints by means of "dealer selection orders", under which a dealer will automatically supply material which falls within predetermined guidelines, thus making it unnecessary for the library to generate orders for these books. So far Canada, the U.S.A., Great Britain, France, Germany, and Spain have been covered and it is anticipated that further arrangements will be made during the coming year. New material thus obtained will be available for perusal by faculty for a limited time before being catalogued. It is hoped that a slight reduction in the staff of the acquisition department may be possible through these procedures, though our very considerable second-hand purchases still occupy the greater portion of their energies. Notable amongst our purchases of collections this year were 2,500 volumes of 19th and 20th century French literature, the library of a collector in France, which will be modest additional support for the proposed Ph.D. program in this field.

Orientation

I attach great importance to this aspect of the library's work. With the approval

of Senate the old regulation requiring the completion of an exercise in the use of the library has been scrapped and a new orientation programme has been started. The School of Journalism has made a short film which will be shown during orientation week 1970 to introduce the library to users, and the library staff are preparing a number of supplementary programmes to introduce users to the catalogues, the serials collection, etc.

Science and Engineering Library

After deferral of this project the Library Committee was requested by the Building Advisory Committee to look again at the feasibility of a separate Science/Engineering Library in relation to total library needs and the projected building programme. The Library Committee, after much discussion, concluded that with the provision of a Science and Engineering division of the library in the basement of the MacOdrum Library, the most urgent need was for general expansion space next to the present building. They therefore recommended that the priority accorded to the Science/Engineering library building be reversed, in favour of a substantial extension to the existing library.

A library Building Committee has been formed and during the latter half of this year members of the library staff have been engaged on preliminary studies and space surveys for an extension of the MacOdrum Library.

MacOdrum Expansion

The first level of this building reverted to library use during the summer, and after extensive renovations will now house the Science and Engineering division of the Library and the Acquisitions and Serials Departments. The renovations have included improvements to the air conditioning system, though it is clear that the air conditioning is not sophisticated enough to provide adequate temperature or humidity control for the building under the changing internal

and external load.

Technical Services

The Technical Services department this year catalogued over 108,000 items representing an expenditure of nearly \$840,000 together with gifts valued at over \$20,000. The number of serials subscriptions has been considerably increased and this section has been expanded. A supplement to the Serials List has been compiled and the groundwork is being prepared for a computer-produced list of serials capable of being updated regularly with the minimum amount of work. All phases of the work of these departments are to be subjected to close review during the next twelve months.

Circulation Services

As will be seen from accompanying figures, book loans have risen substantially. The circulation system can perhaps cope with this for two more years, but at that point we shall have no alternative but to introduce a mechanized system. This will involve spending a great deal of money. Two aspects of the present arrangement cause much annoyance: the need for the borrower to complete his own circulation slip in detail for each book, and the lack of a "holds" system. The precise time at which we commit ourselves to any particular mechanical circulation system is of significance, since substantial developments are occurring all the time which will ultimately reduce the cost of bringing in a suitable system and also make it possible to tailor the system to the library's needs instead of the reverse.

Further copying machines have been installed and appear to be well used.

Staff

The physical reorganization of the library has been accompanied by administrative reorganization. Mrs. J. Carter, Head of Technical Services, has become the Head of the Humanities Division, and Mrs. Verna

Wilmeth, Head of Public Services, has become Assistant to the Librarian. I am particularly grateful to them for consenting to such a fundamental reorganization of their duties. No replacement was found during the year for Miss Jackson, our Chief Cataloguer. Senior cataloguers with suitable administrative experience are scarce, and the salary offered was not sufficiently tempting to attract good applicants.

On the other hand it has been found possible to appoint some excellent junior librarians with subject backgrounds appropriate to their divisional duties.

There has been a slight reduction in turnover of non-professional staff, due perhaps to the tighter economic situation, and it is hoped that the University's new personnel policies will also contribute to this reduction in the future.

Carleton has long been a proponent of the use of non-librarian graduates for technical duties which need a subject background, and with better remuneration for this group, it may be expected to grow even more in importance and usefulness.

There is some concern on the part of professional library staff that their position in the university is so ill-defined. There is at present in Canada a preoccupation with the status and conditions of service of professional librarians. These vary a great deal, but there is clearly a move towards defining their conditions of service and terms of appointment a great deal more closely than they are at present defined at Carleton. A willingness to consider these questions sympathetically may in the future be an important factor in persuading good staff to consider joining the institution.

Cooperation with other libraries

The most recent report of the Ontario Committee on University Affairs makes clear the importance it attaches to co-operation between university libraries in

the province. Although there have been regular and fruitful meetings of the Ontario Council of University Librarians during the past 12 months, it would be idle to pretend that there has been really significant achievement in any important field of library cooperation other than that of interloan of material, and the associated transit system. This is not wholly the fault of the university libraries. It has become clear that some activities which might have been handled on a provincial level would be more appropriately dealt with on a national basis, and with the leadership now being shown by the National Library this may well be more productive than has previously been the case. It is perhaps vain to hope for much in the field of cooperation except on the technical level of systems co-ordination, until the Ontario Universities have come to some agreement on areas of research and graduate programme specialties.

Library Committee

I wish to acknowledge the help I have received from all members of the library committee during my first year as university librarian. The Committee has recommended new terms of reference for its operations, and these will shortly be presented to Senate for approval. The Library Committee has in general sought to disengage from a number of activities which the library staff are now equipped to handle, and will in future concentrate on major questions of policy.

G. H. Briggs
University Librarian

COMPARATIVE STATISTICS

Holdings at June 30th, 1970 (previous year in brackets)

Volumes of books, monograph serials, bound periodicals, documents, and equivalent volumes of unbound periodicals	434,404	(360,842)
Current subscriptions to periodicals, newspapers, annuals and government documents	7,336	(4,506)
Microform items	138,549	(117,774)
Theses, maps, etc.	5,219	(3,190)
TOTAL	<hr/> 585,508	<hr/> (486,312)

Interlibrary Loans: Borrowed 4,574 (4,717)
Lent 5,341 (4,582)

Total Circulation: MacOdrum 417,899 (336,698) a 24% increase
St. Patrick's Campus 34,726 (30,177) a 15% intcrease

Financial Aid to Students

A. Awards Administered by Carleton University

1. Scholarships

C.U. Undergraduate - Entrance
\$45,528 (108; 9 continuing from previous years)
- In-Course \$45,047 (148)

2. Prizes - \$ 2,310 (24)

3. Bursaries

Undergraduate - Entrance	\$16,735
	(154)
- In-Course	\$49,330 (321)
Graduate	\$17,700
(C.U.)	(37)
Total	\$83,765
	(512)

B. Awards or Funds Administered by Other Organizations but tenable at Carleton University

1. Province of Ontario

Entrance Scholarships	\$9,960
	(164)
Ontario Student Awards Program:	
Loans	\$1,280,310.00
Grants	<u>1,431,000.00</u>
Total Awards	2,711,310.00
	(2774)

2. Rehabilitation Services Branch, Province of Ontario \$9,737.00 (18)

3. Department of Education, Province of Quebec

Loans	\$89,790.00
Grants	<u>37,230.00</u>
Total Awards	\$127,020.00 (161)

4. Children of War Dead (Education Assistance Act) \$15,368.50 (29)

5. Department of National Defence
(ROTP) \$10,104.50 (18)
(UTPM) 19,308.50 (16)
Other 7,299.25 (13)

6. External Aid (Colombo Plan, United

Nations Technical Assistance, Commonwealth Scholarships) \$27,653.50 (55)

7. Indian Affairs & Northern Development \$2,707.25 (6)

8. Miscellaneous (Scholarships from government agencies, service benevolent funds, etc.) \$52,539.00 (45)

9. Subsidization of Tuition Fees by Employment agencies \$10,483.50 (68)

C. Loan Funds Administered by Carleton University

Royal Bank Loan Fund	\$10,457 (32)
Small Loan Fund	41,385 (661)
School of Social Work	
Emergency Loan Fund	2,540 (22)
(Pi Beta Phi)	

Miscellaneous 100 (1)

D. Canada Student Loans Plan (Provinces other than Ontario and Quebec)

	<u>Entering</u>	<u>In-Course</u>	<u>Graduate</u>	<u>Total</u>
Alberta	\$8,665 (12)	\$18,895 (29)	\$6,555 (9)	\$34,115 (50)
British Columbia	2,600 (3)	7,556 (10)	2,850 (3)	13,006 (16)
Manitoba	3,926 (5)	3,705 (4)	1,495 (2)	9,126 (11)
New Brunswick	5,360 (8)	4,424 (8)	1,760 (2)	11,544 (18)
Nova Scotia	16,645 (19)	13,630 (15)	2,000 (2)	32,275 (36)
Newfoundland	675 (1)	1,000 (1)	2,000 (2)	3,675 (4)
Prince Edward Island	1,000 (1)	1,470 (2)		2,470 (3)
Saskatchewan	6,830 (8)	11,595 (15)	1,000 (1)	19,425 (24)
Yukon	1,000 (1)	1,000 (1)		2,000 (2)
	<u>\$46,701 (58)</u>	<u>\$63,275 (85)</u>	<u>\$17,660 (21)</u>	<u>\$127,636 (164)</u>

Mrs. A.T. Loates
Awards Officer

Student Placement-Graduating Students

There was some decline over 1968-69 in the number of companies and government agencies visiting the campus in 1969-70. Nevertheless, the Placement Office was in contact with 232 companies offering employment to our students.

One hundred and nine companies did recruit on campus this year (down 11 from last year) while another 107 requested resumes of potential candidates for positions. A detailed breakdown of the rate of placement overall, and by faculty, is attached. In all, some 2,100 interviews with students were conducted on the campus this year and, with the increase in the number of employers interviewing students off campus there was an overall improvement in the number of "contacts" established through this office.

A disturbing trend in the Placement Office this year was that a few companies withdrew offers to our students after they had accepted to hire them and/or after they had made offers of employment. This situation seems to have been brought about by the general economic slow down in Canada (see Appendix A).

Students in the Arts Faculty find it especially difficult to secure employment when they graduate. Of these students, those in the humanities (English, Languages, Philosophy, History, Religion) are having the most trouble while the social science students tend to fare somewhat better. However, there is a trend among employers to demand some Economics in the degree program in social sciences.

Engineering and Commerce students continue to enjoy a relatively high rate of placement. In Commerce, however, the lack of marketing courses may mean a decline in their career options in the future as more and more employers demand this background.

The School of Journalism handles most of its own recruitment and our figures indicate that there is still a demand for

qualified journalists.

For students in the natural sciences, this year represents a drastic decline in their employment potential. Increasingly, the Placement Office is encountering difficulties in placing B.Sc. candidates. The trend is for employers to demand further academic training beyond the first degree and/or some years of experience.

Finally, none of the Faculties at Carleton seem to be adequately preparing for the demand for qualified computer programmers.

Summer Employment

From indications to date, the summer employment situation will be worse than in 1969.

This year the Placement Office has entered into a co-operative summer employment agency for all secondary and post-secondary students in the Ottawa area. This center, The United Student Employment Maison (U.S.E.M.), is operated by a full-time staff of seven students representing Carleton University, the University of Ottawa, and Algonquin College. Carleton has two full-time students working at the center. U.S.E.M. is financed by Carleton (\$950.00 for the salary of one student receptionist and supplies), Canada Manpower, Ottawa Gas, Bell Canada, and the Board of Trade. Headquarters for the center are located in the St. Laurent Shopping Center, in the Ottawa Gas store. This project is part of a nation-wide, Canadian Chamber of Commerce sponsored program called, "Operation Placement", which is encouraging employers to hire students in the proportion of five per cent of their total employee force.

To date, 2,000 Carleton students have registered with U.S.E.M. for summer work and we anticipate an eventual enrollment of 2,700 students from this University. Well over 16,000 students are expected to register with the center. It is too early to make any assessment of the success of

Part-Time Employment

The expense of financing a university education is often underestimated by students and, from time to time, they find themselves looking for part-time work to defray their expenses. The length of these jobs varies from a few hours in one day to a few days a week throughout the year. The Placement Office handles requests for employers for part-time help and keeps a record of students available for work. We find, however, that there are many problems in attempting to provide this service. In the first place, because of the difficulty of timetable commitments, students often cannot accept employment when it is offered to them. Secondly, because the nature of the work varies from manual labour to casual research work for government agencies, we cannot guarantee to our students the type of offer they will receive. Finally, frequently employers ask for people immediately which makes it difficult, if not impossible, to contact suitable students in time.

We are, however, currently working on ways of improving this service. One idea under consideration is a student run business agency; a campus entrepreneurial organization offering student services to business. Moreover, this agency would create its own businesses employing students to work in them. This idea has already met with considerable success at McGill University and, more strikingly, at Harvard University. A study is now underway in an attempt to apply this idea to Carleton and the Ottawa region in general. Over the summer students will be taking a closer look operation as well as recruiting aid and advice from government agencies and business interests. We plan to have some workable proposals in operation for the academic year 1970-71. If successful, this organization should relieve the pressures of part-time employment at Carleton.

New Programs

This year, the Placement Office is initiating the following new programs:

1. **Guidance Library:** A career guidance library has been set up in the office. This library contains information on a wide range of career options. In addition, pamphlets on the various companies are available to students as well as calendars from all the major universities in Canada.
2. **Alumni Placement Service:** Due to the mounting pressure to find employment for this graduating class, the Alumni Placement service has not met with much success to date. At present, 70 alumni are registered with our office. Besides the normal flow of Public Service Commission openings, we have received only 16 requests for alumni candidates for positions. In response to these requests we sent information to 42 alumni. Successful placement was achieved in 5 cases only. Many of our alumni did not pursue the opportunities they were given, however. This service is very small at present but will expand considerably with the influx of May graduates.
3. Methods are now being put in operation so that the Placement Office can supply more accurate information in future years.
4. **Graduate Recruitment:** In this area, the Placement Office has planned two new programs. The first will involve more active recruitment by this placement office in the Ottawa community for potential job offers. To that end, the Placement Officers will be joining various professional and community organizations, including the Ottawa Board of Trade. More effort will be made by this office in "getting out" to visit potential employers. The second program is a film designed to

provide information on recruitment procedures (how to get an interview, how to contact employers, placement office procedures and the like) to our students. The film is being prepared by Audio-Visual Aids and will be ready in September.

Appendix A Statistical Analysis

Note: The attached statistics are not complete. These factors have influenced our statistical analysis:

1. We have not as yet received any final word from employers on the number of students they will hire; many offers are still pending.
2. Many students have not finalized their plans for next year while others have not informed us of their plans. We make an effort to telephone the graduating class in order to assess their plans, but this yields only partial results.
3. Many students registered to graduate in May will not do so.

1970 Recruiters

	<u>Offers</u>	<u>Acceptance</u>	<u>Refusals</u>	<u>Remarks</u>
Arthur Anderson Co.	1	1		
Amoco	Unknown			
Amax Exploration	Unknown			
Ayerst Laboratories	No offers			
Anglo Canadian Pulp & Paper	Unknown			
Anaconda American Brass	Unknown			
Automatic Electric				Offers pending.
Allstate	Unknown			
Bell Canada	13	10	3	Three different visits. Offers still pending.
Bank of Nova Scotia	1	1		
Bank of Montreal				
Imperial Bank of Commerce	Unknown			
Bank of Canada	Nil			
Royal Bank	1	1		
Toronto Dominion	1			One pending.
Canadian International Paper	Unknown			
Cominco	Unknown			
Clarkson, Gordon, Co.				
Canada Life Association				

	<u>Offers</u>	<u>Acceptance</u>	<u>Refusals</u>	<u>Remarks</u>
Canada Packers				Two visits. No offers made.
Canex Aerial Exploration				
Canadian Pacific	Nil			
C.I.L.				
Canadian General Electric	4	6	2	
Consolidated Bathurst	1	1		
Continental Can Company Ltd.	1	1		
Chevron Standard				
Canadian Armed Forces				
Chubb & Son				
Consumer Gas				
Canadian Johns Manville	1	1		
Central Mortgage & Housing	1		1	
Dupont	1	1		
Dow Chemical	Unknown			
Domtar	Unknown			
Defence Research Board	4	2	2	
England, Leonard MacPherson	Unknown			
Eatons of Canada	Unknown			
Facelle Co.	Unknown			3 interviews being reviewed
Gaspe Peninsula College	3			
Gulf Oil	1	1		May make others.
Grolier	Unknown			
Hudson Bay	Unknown			
Horton Steel	No offers			
International Nickel				Making some offers Not finalized.
I.B.M.				
Industrial Acceptance	Unknown			
Imperial Oil	6	5	1	
Iron Ore	Unknown			
London Life Insurance	Unknown			
Leigh Instruments	1	1		
John Manville	1	1		
Metropolitan Life	8	4	4	
McDonald, Currie, Co.	3	3		
McKay, Duff & Co.	Unknown			
Murritt Business Machines	1	1	4	
National Research Council	2			Offers pending austerity hold up.
New York Life	Unknown			
Northern Electric	1	1		Others pending.

	<u>Offers</u>	<u>Acceptance</u>	<u>Refusals</u>	<u>Remarks</u>
North American Life	Unknown			
Old Fort Henry	Unknown			
Ontario Dept. of Agriculture	2	2		
Ontario Civil Service	5	5		Many other offers pending.
Ontario Dept. of Energy & Resources				
Ontario Dept. of Highways	10	7	3	
Ontario Dept. of Hydro	4	2		
Ontario Water Resources Commission	No offers			
Ortho Pharmaceutical	No offers			
Price Waterhouse	4	4	Nil	
Peat Marwick Mitchell	2	1	1	
Proctor & Gamble	No offers			
<u>Public Service Commission</u>				
A.T. & F.S.O.	22	10	12	Others pending.
Social Economic	4	2	2	
Applied Science	6	4	1	One pending.
Bio-Physics	Nil			Research suspended.
Auditing and Accounting	2	1		One student failed year.
Riddell, Stead, Graham	3	3	Nil	
Rio Algoma	Unknown			
R.C.M.P.	1	1		Pending others.
Robert Simpson	Unknown			
Sault Ste. Marie	5	2	3	
Stelco	Unknown			
Sunoco	Unknown			
Shawinigan Chemical	1 post-grad pending			
Simpsons Sears	2	1	1	
Shell Canada	Unknown			
Skydeck Ltd.	3	3	7	
Sun Oil	1 offer pending			
Standard Life	Unknown			
Sperry Gyroscope				
St. Lawrence Seaway Authority				
Touche & Ross, Co.	4	3	1	One offer withdrawn.
Trane & Co., Canadian	No offers			
Thorne Gunn & Helliwell				
Travellers Insurance				Interested in 3 trying to finalize.
Texaco Exploration Co.	Unknown			
University of Ottawa				Two pending.
United Co-Op, of Ontario	Unknown			

	<u>Offers</u>	<u>Acceptance</u>	<u>Refusals</u>	<u>Remarks</u>
Uniroyal United Aircraft	Nil	3	2	Two cancellations of offers.
Union Gas	Unknown			
Union Oil Co.	Unknown			
Warwick Hersey	Unknown			
F. W. Woolworth	1	1		
G. H. Ward	Unknown			
Upjohn	Unknown			
Youth Services Bureau	8	7-F/T 3-P/T	1	
Woods Advisory Service	Unknown			

Colleges of Education

McArthur College		At least 250 students
Althouse College		sought
Toronto College of Education		information
Ottawa Teachers College		from these institutions.

Faculty Breakdown (to May 1 only)

Graduating Class (All Disciplines) 950

percentage breakdown

Pass Arts	55%
Hons. Arts	12%
Pass Science	8%
Hons. Science	5%
Engineering	5%
Engin. M.A., Ph.D.	5%
Journalism	3%
Commerce	3%
MSW, St. Pat's	2%
Public Admin.	2%

Arts Faculty Placement

Total Graduates	<u>641</u>
Pass Arts	<u>522</u>
Hons. Arts	<u>119</u>

1. Placement total 100 approx.

Government	17
University Admin.	4
Forces	4
Industry	75

2. Jobs Pending 100 approx.

3.* Other Activities 35 to date known

Teachers Coll.	17
Teaching	3
Post Grad.	10
Travelling	5
* this category is expected to expand to approx. 200 by Sept. 1, 1970.	

Science Faculty Placement

<u>Total Graduates</u>	<u>123</u>
Pass B.Sc.	76
Hons. B.Sc.	47
<u>Placement to date</u>	<u>26</u>
Government	4
Industry	6
Forces	3
Post. Grad.	8
Teachers Coll.	3
CUSO	1
Travelling	1

Due to the cut back in government research jobs, B.Sc. placement is expected to remain very low.

<u>Graduate Science</u>	<u>19</u>
Government	1
Industry	2
Further study	1
These figures to date only. Estimate 7 going on to further study. Others will find jobs in industry.	

Engineering Faculty Placement

<u>Total Graduates</u>	<u>60</u>
Industry	13
Government	10
Post. Grad.	5
Return Home	2
<u>Placement to date</u>	<u>30</u>

Our major problem here is placing foreign students. e.g. 11 Chinese Engineers are still seeking jobs.

Commerce Faculty Placement

<u>Total Graduates</u>	<u>54</u>
Industry	19
Government	3
Teaching	1
Post. Grad.	4 (3 Law School)
Travelling	3
<u>Placement to date</u>	<u>30</u>

Journalism Faculty

<u>Total Graduates</u>	<u>50</u>
Newspapers	14
Government	3
Travelling	1

<u>Placement to date</u>	18
N.B. most journalism placement is handled through the Journalism Dept.	

Public Administration

<u>Total Graduates</u>	19
Government	7
Industry	1
CUSO	1
M. BA.	1
<u>P Placement to date</u>	10

*percentage breakdown of M.A., Ph.D. students not included.
Because of thesis requirement, figures are difficult to obtain
for spring graduation.

*Estimate of 950 graduates by Registrars Office. Our estimate
961. Descrepency due to uncounted failure rate in graduating
year.

Mrs. P. L. Davern
Placement Officer

Athletics

The Athletic Department in 1969-70 organized or fostered the organization of 253 teams. Twenty of these teams carried Carleton's colours into intercollegiate competition one of which, the women's volleyball team, acquired championship status.

The dearth of varsity championships, however, was not indicative of the importance and interest intercollegiate athletics play in the lifestyle of many Carleton students and faculty. The basketball team again made the Ontario-Quebec Athletic Association play-offs and played its final game of the schedule against 1st place Queen's before a turn away crowd.

Student-faculty interests were well rewarded in hockey when the teams of both Carleton and the University of Ottawa were evenly matched for the first time in over a decade. The three game series attracted 3400 spectators.

The Raven football team placed second in the Central Canada Intercollegiate Football Conference, Western Division, and in so doing enjoyed an exciting come-from-behind 21-20 Panda Game victory over the University of Ottawa before the largest homecoming crowd in Carleton's history (8500).

Less spectator-oriented sports such as skiing, curling, golf, fencing, badminton, soccer and gymnastics ran into very stiff competition in their respective leagues and fared less successfully than in previous years. The men's team again won the Eastern Division of the O.Q.A.A., but this year were runners-up to the University of Toronto in the championship round. The women's intercollegiate program received considerable impetus from the enthusiastic leadership of new staff member Miss Peggy Edwards who successfully coached the volleyball team to its first intercollegiate championship.

Intramural athletics had another bumper year as 233 teams participated in over 800 games. The men's program on the Rideau River campus has 30 teams in flag football, 32 in volleyball, 27 in basketball, 24 in hockey, 27 in broomball and involved 2086 students on a regular basis in at least one sport. The fledgling St. Pat's program gained a measure of maturity this year as five men's teams competed regularly in basketball, flag football, hockey and broomball, while four women's teams participated in badminton, softball and basketball. The women also entered one team in the women's powder-puff football on the Rideau River campus.

A year ago this reporter speculated that women students might well enjoy skill instruction more than competitive intramurals. Experience this past year would tend to lend support to this view. Over 40 women sought instruction in yoga, still another 82 took instruction in modern dance. Other instructional activities inculded swimming (for beginners), squash, folk dancing, synchronized swimming, fitness classes and figure skating. Because of the obvious success of much of the instructional program, the Department plans to broaden and expand the variety of its offerings in this area.

As we enter the 70's the Department is actively engaged in drawing up a long range master plan of facilities for athletic and recreational program needs. By this time next year it is expected that the master plan will have been adopted and planning will be well underway on the first major phase of the plan.

Recreational Involvement 1969-70

	<u>Men</u>	<u>Women</u>
1. Intercollegiates	152	50
2. Intramurals (Rideau River campus)	2086	126
3. Intramurals (St. Patrick's campus)	175	71
4. Instructional (skill		

classes organized by		
Department	159	206

Keith N. Harris
Director of Athletics

5. Co-ed activities:
bowling nights, curling, broomball tournament, swim meet 71 43

6. Clubs using facilities
(without Departments
Administration)

Badminton	22	17
Fencing	14	7
Totals	<u>2679</u>	<u>520</u>

Grand Total 3199

Note: No. 1 - 3,199 people (2,679 men and 520 women) participated in some aspect of the Department's program.

No. 2 - the above does not include those who came down on their own to use the facilities outside of our organized program e.g. pick-up game of basketball, squash, shower, weight lifting etc.

Intramurals

Mens intramurals consisted of the following activities: flag football, broomball, basketball, hockey, volleyball, cross country run, squash and golf tournaments.

Womens intramurals were held in powder puss football, badminton, softball, basketball, volleyball, bowling and curling.

Instructional Program

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Modern Dance	1	81	82
Learn to swim		11	11
Squash instruction	16	11	27
Yoga	52	42	94
Karate	62	25	87
Folk dancing	8	7	15
Figure skating		7	7
Fitness	21	10	31
Synchronized swimming		12	12
	<u>160</u>	<u>206</u>	<u>366</u>

Overseas Students' Advisor

1,188 Foreign Students 706 full-time
482 part-time

James G. Coates
Overseas Students' Advisor

91 different nationalities
two largest countries represented by
students 109 Hong Kong
121 India

English as a Second Language Course

The OSA set up and administered, with a student teacher, an English course for foreign students. Total enrollment was 30* and approximately 13 nationalities were represented. There were 12 undergraduate and 8 graduate students. The OSA attended all classes and was able to counsel students with English difficulties in their class assignments. It also provided a forum for foreign students to meet together with Canadians and with the O.S.A. The atmosphere was friendly and informal (coffee being served) and very international. Films and video-tapes were shown regularly, and the practice lab was used.

Another English course will be run in September 1970 by the O.S.A. It is hoped to have two groups with a student-teacher assisting.

Overseas Reception Service

The O.S.A. organized a reception service similar to last year. An overseas student is co-ordinator of this year's service which will be supported by both the Students' Council and Dean of Student Services Office. It will include: pre-arrival information (a new information booklet has been printed), transportation from the airport, reception and housing service. A picnic and Orientation day will also be held.

*Includes part-time students and/or members of staff.

Residences

1969/70 was the year of many "firsts" in the Residence. The opening of Glengarry House in September of '69 doubled the population to a total of 1316. A new concept of living - Coed - was introduced and proved successful. The Residence Association (which includes all who live on Campus be it faculty, staff or student) was founded. This Association with its Council and Executive were given full responsibility for policy-making within the Residence complex. Without sit-ins or strikes, a new liaison between staff, faculty and student came into being with the formation of the Management Committee where discussion and implementation of policies of the Association took place. Each living unit, i.e. the floor, was given powers of decision-making and mediation on issues relating only to their group. Student leadership came through well and the President of the Association, Stu Iglesias, carried off the Tory Award.

Residence administration also went through a face lifting process with organization changes headed by a Director of Student Housing and Food Services. Mr. N.D. Fenn of Counselling and Health Services assumed these duties on a temporary basis until the permanent appointment of Mr. R. Brown to this position.

Residence facilities were extended with the opening of The Commons building in which are found a snack bar, linen and mail services, classrooms, audio-visual rooms, lounge and office space, all topped by two dining rooms and modern kitchen facilities under contract with Saga Foods.

As in the past, summer operations continue to book many conventions.

Off Campus

Here we have another first with the housing of the Off-Campus and Residence offices under one roof in the Commons Building.

Enthusiastic response from the Ottawa public to appeal for student housing provided a surplus of rooms over-all but still a shortage in the Glebe and Ottawa-South areas due to heavy demands from St. Patrick's students. Apartments and houses were also listed but the numbers received fell short of the heavy demands for inexpensive apartments near the Carleton Campus.

Applications received by April 30th, 1970 with \$25. deposit:

Grads	71
Rtg. Seniors	325
Rtg. Juniors	578
New Seniors	2
New Juniors	491
Total	<u>1,467</u>

No. or requests for applications from New Students:

No. received with \$25. deposit	491
Requests (not yet received \$25. deposit)	

M	999
F	643
Total Requests	<u>1,652</u>
	2,143

Therefore total requests for applications New and Returning students:

New	2,143
Rtg. & Grad.	<u>976</u>
Total Requests Received ...	3,119

R. A. Brown
Director, Housing and Health Services

Alumni Association

On November 5, 1969, the membership in attendance at the Association's 20th Annual Meeting passed a motion adopting a new constitution and set of by laws for the guidance of the Association. The new constitution provides for an annual meeting in the Spring of each year, a change from past practice of meeting in the Fall. For this reason, our reports, and this summary in particular, will concern themselves primarily with the eight month period, November 1969 to June 1970.

In reviewing the changes and activities of the past term, it will perhaps be expedient and useful to consider four main areas: Program, Policy, Publications and Administration.

I Program

Following a most successful Homecoming weekend last October, co-chairmen Steve Rivers (students' council) and John Saykali (alumni) with their treasurer, Brian Hamilton carried out a study and analysis of the weekend's successes and failures. From their study came a very thorough, informative, and complete report which is being used to great advantage by this year's Homecoming '70 co-chairmen, Chris Frank (students' council) and Dave Murray (alumni).

Another major event of the year which should be mentioned is the premiere of the Canadian Printmakers' Showcase, sponsored by the alumnae of Carleton University. As a result of the immediate success and national recognition of this exhibit and sale of selected Canadian prints, the second Showcase will be fully sponsored by the University and the Alumni Association and will again be administered by the Alumnae.

In conjunction with the University Placement Office, the Association this year offered an Alumni Placement Service to its membership. This program is still very much in the development stages, but

has gained considerable response from both alumni and the business sector.

With a view to continuing education, the Association sponsored, in March of this year, an evening of discussion on the topic of "Water Pollution" with guest panelists: A. T. Davidson, Assistant Deputy Minister (Water) Department of Energy, Mines and Resources; Stanley Burke, broadcaster and journalist, currently on leave from the C.B.C.; Dr. Gustave Prevost, consultant biologist and former chairman of the Québec Water Purification Board; Judd Hefler, Control Superintendent, Canadian International Paper Company, Gatineau, P.Q.; and moderator, Doug Kelley, B.A., Carleton, Law, Ottawa University, currently articling with the City Solicitor's Office, Ottawa.

Looking to Carleton graduates living in other parts of the country, the Association is attempting to build an active alumni branch structure. The Toronto area alumni will be meeting together on the fourth of June.

The Association has also involved itself in activities which are student-oriented but at the same time encourage alumni participation as well. In addition to Homecoming, the Association financially assisted "Winter Weekend" and decided to present the "Alumni Awards for outstanding Contributions to Undergraduate Societies" at the "Spring Ball" held on March 20. The winners this year were: D. Gill Ross, Arts; G. David Michaels, Commerce; Graham E. Christopher, Engineering; and Margaret J. Houchins (née Snelgrove), Journalism.

In conjunction with the office of the University Overseas Students' Advisor, the Executive has taken steps to provide assistance with the Temporary Housing Program for overseas students, a much-needed service at the beginning of the Fall term when these students require temporary quarters while arranging for permanent lodging.

II Policy

In addition to the many activities and events of the Association, the Executive has, during the past term, placed considerable emphasis on the need for a study of policy direction. Much discussion has centered on the necessity for establishing basic policy guidelines for the future development of the Association. Two areas currently under study by sub-committees of the Executive are alumni branch development and the Association's support function with regard to student-oriented activities.

III Publications

In January of 1969, a committee was appointed for the purpose of evaluating the programs of the Association and among the resultant recommendations was the expressed need for a new expanded alumni publication. The former "Alumni News" became our new quarterly publication "The Can-opener" with Vol. I, No. 1 being published in June 1969. Since that time four issues have been produced and many changes have been made in an attempt to improve the design and appeal of the magazine and to reflect the desires of the constituency it strives to serve. The response has been overwhelming and a considerable increase in class notes and general alumni news has resulted. The magazine has been quoted and debated on the editorial pages of such major daily newspapers as the Vancouver Sun, The Toronto Globe and Mail and the Ottawa Citizen. Extra copies have been requested (and granted) for use in schools as teaching aids and alumni have expressed in its columns, their views on the issues it presents.

It is our hope to increase the number of pages in the coming year and continue as successfully as we have begun.

IV Administration

Perhaps the greatest changes over the past year have taken place in the administrative

area. The appointment of a Director of Alumni Affairs brought with it a change in the role of the office. The Alumni Office, in becoming a separate university department, assumed the responsibilities of planning and management that result from this development.

It has been necessary to establish a departmental budget system which provides not only for a more detailed accounting of expenditures but also permits more accurate budget planning.

The area of alumni records has been studied over the past eight months and coincident with the University's purchase of a new automatic addressograph machine, the alumni records have been adjusted to permit selective mailing capabilities with considerable saving in time and expense.

The University has also authorized an addition of one full-time person to the Alumni Office staff. This position of Records Clerk permits a greater concentration in the area of up-dating alumni records, tracing lost alumni and avoiding the waste and annoyance of duplicate mailings.

Upon completion of the University Centre, expected in late summer of this year, the Alumni Association will have its own offices located in Room 501 adjacent to the Alumni Lounge. This new locale will not only provide much needed space for the office staff but will also place the office in a student-staff-faculty traffic area which will - it is hoped - encourage greater interaction between alumni and their fellow members of the university community and cultivate a greater awareness of the Association among undergraduates in particular.

In summation, we can look back at the past year's activity and development and see that a revitalization has taken place. We have questioned our purposes, investigated our activities, broadened our view point and have begun to develop an energetic,

contemporary, and relevant association. The emphasis has been placed on service and alumni involvement. 1970-71 is eagerly anticipated.

Brian P. Curley
Director of Alumni Affairs

Development Office Report

It is most encouraging to report that Carleton continues to receive strong support from an ever increasing number of individuals and companies in Ottawa and throughout Canada. During the past academic year we received gifts and bequests totalling \$324,240.00 plus a further 1,082 pledge payments totalling \$159,073.00.

The various fund raising activities of the Development Office are co-ordinated by the Development Executive Committee under the chairmanship of Mr. F. K. Venables of Carleton's Board of Governors. This Committee also has the dedicated support of a large number of volunteers who give a great deal of their time to serve on many committees or in a direct soliciting capacity. In addition, we have had the advantage of active student, alumni, faculty and staff participation in the numerous projects undertaken by this office.

At a time when private financial support for the University is most important, we feel that this partnership of the various elements of the Carleton family with the community at large aids greatly in the successful planning of our several appeals.

The Carleton University Campaign

Despite a period of tight money and a large number of appeals being made to local individuals and corporations, our major capital campaign for \$3,000,000.00 continues to make progress. By the end of June 1970 we had received 13,721 gifts totalling \$2,740,858.29. We must continue to strive towards achieving the approximately \$259,000.00 still needed to supplement provincial capital support to this campaign. We are encouraged by the fact that during the year many new corporate gifts were received, many of which were first time gifts and others were additional gifts from those who had given during the earlier stages of the campaign.

indicating a growing appreciation by companies and individuals of the demands being made on Carleton to provide space for a rapidly increasing enrolment.

Carleton University Centre Building Fund

This special capital campaign under the chairmanship of Mr. Grant MacCarthy had received 1,257 gifts totalling \$181,934.60 by the end of June, 1970.

Friends of Carleton Annual Giving Fund

The response to this special annual fund to provide scholarships and bursaries for students attending Carleton continues to have a definite appeal. Under the chairmanship of Mr. Ayton Keyes, the fund this year received gifts totalling \$7,915.00 which was an encouraging increase over the total number and value of gifts received in the previous academic year.

School of Architecture Founding Fund

By the end of June 1970 we had received gifts totalling \$8,463.00 in support of Carleton's new School of Architecture plus 11 annual scholarships and awards. During the year an announcement was made of the approval to construct a building for the School of Architecture in view of the increasing enrolment and the need for expanded facilities for students registering in this School.

School of Journalism Fund

This fund, which originated in 1968 as a 25th Anniversary Fund, has become an annual appeal for School of Journalism scholarships, bursaries and other special projects. Graduates of the School of Journalism and others employed in the communications media continue to express an interest in the evolution of the School and by June 1970 we had received gifts totalling \$7,248.13 plus 9 annual scholarships and awards.

Faculty of Engineering Fund

Preliminary arrangements were completed with the Faculty of Engineering for the launching of a special fund early in the next academic year designed to provide scholarships, bursaries and support for other special projects.

1970 Annual Alumni Fund

In concert with the re-organization taking place in the Alumni Association, it was decided to appoint an Annual Alumni Fund Committee. Accordingly Mr. Patrick Horan '69, Miss Nadine R. Morchain '68, Mrs. Judith Sandbrook '66, Mr. James S. Wightman '65, Mr. Joseph C. R. Hanley '62 and Mr. Norman Zagerman '51 were appointed to this Committee and an appeal for the calendar year 1970 was launched in March. Contributions to this fund, while specifically earmarked, continued as part of the Carleton University Campaign.

Bequest Program

Mr. H. Soloway of the Board of Governors is the Chairman of the Bequest Committee which continues to supply information on estate planning to lawyers, trust officers, bankers, chartered accountants, insurance officials and others active in the estate planning field both in Ottawa and the Ottawa Valley. During the year members of the staff of the Development Office have paid a number of visits to professional people in this area to ensure that they are kept fully informed of the activities and needs of Carleton. Supporting printed material is provided and forwarded to all those active in the estate planning field in this area and, on request, throughout Canada.

The Associates of Carleton

Under the chairmanship of Mr. A. M. Laidlaw, this important group of friends of the University continues to play an important role in the Development work of Carleton. The 1970 annual meeting of The Associates of Carleton was held on May 21st, the eve

of Spring Convocation. The Associates were addressed by Chancellor Lester B. Pearson, whose subject was "Carleton in the 70's". The meeting this year included a tour of the School of Architecture, the annual business meeting, reception, dinner and an informal discussion period between The Associates and a number of the faculty and student body of the School of Architecture. Membership in The Associates of Carleton now numbers 134.

Mr. Russ Neill of The Associates has agreed to act as Chairman of a special committee which will study the role of The Associates of Carleton during the year ahead with specific reference to greater involvement of members of The Associates with the University.

Development Information Program

There is an increasing need to keep all of those who are contributors to the various appeals to support Carleton fully informed. Therefore, throughout the year our quarterly Development News Bulletin is distributed to approximately 5,500 major contributors and other supporters of the University. In addition, a monthly 30-Day Report is also forwarded to major supporters. A special Development Office Report was published each month and was distributed to our Development Committee members and other volunteers and to Faculty and Administrative Officers of the University. A series of visits to senior officers of major corporations proved to be most effective in providing an opportunity for valuable dialogue on the needs of the University and demands being made on corporations.

A special Committee under the chairmanship of Dr. Philip E. Uren, of Carleton's School of International Affairs, was established to assist the Development Office staff organize a number of tours for supporters of Carleton. The first tour, conducted with the co-operation of the School of Architecture proved to be highly successful and it is planned to

to conduct a series of similar tours of the University starting early in the new academic year.

Development Office Staff

On January 1st, 1970 Mr. Peter D. Collyer, a graduate of Carleton, was appointed as Assistant Development Officer on the Development Office staff. Mr. Collyer has, after a preliminary training period, undertaken duties in the promotion of the Bequest Program along with a number of other related duties in our many appeals.

Mr. George N. Beers, Assistant Development Officer, continues to have special responsibility for the management of annual giving for the several programs of the Development Office including the Annual Alumni Fund. Mrs. Donna DuBreuil, Assistant Development Officer, has special responsibility for Foundation work in addition to a variety of other duties involved in the specific programs outlined above.

The Development Office staff continues to be active in counselling and working with individual members of Faculty and Faculty Departments, etc. in securing grants for scholarships, new programs, research and special projects.

Michael D. Roberts
Development Officer

Scholarships, Bursaries Etc.

New items produced by Development Program during year:

	<u>Recipient</u>	<u>Value</u>
John S. Nelson Bursary Fund	Full-time students at Carleton who are in need of financial assistance	Two \$30.00 annual bursaries
Quebec Cartier Mining Company Scholarship	Stephen Glazier	\$750.00 a year to the students; \$200.00 unrestricted grant-in-aid to the University
Powell River News, British Columbia	Journalism student	\$100.00 Bursary annually
General Computer Corporation Limited and Joe Feller Limited	Student taking Computer Science	Award - \$250.00 (1 year only)
Audrey Stankiewicz Design Award	Architecture student	\$500.00 - to a third or fourth year student - given once every two years - commencing in February, 1971
Xerox Corporation of Canada Limited	Commerce undergraduate student	Annual \$1,000.00 Scholarship (When a Masters Program is established the Scholarship will be increased to \$2,000.00 annually; a doctoral program will make available a \$5,000.00 fellowship)
Thomson Newspapers	Journalism student	Scholarship \$500.00 annually

Payments received during year, from items produced by Development Program during previous years:

\$8,125.00

Development Office - Annual Income Report

July 1969 to June 1970

The Carleton University Campaign

1,989	gifts received during period	\$ 168,162.02
1,013	pledges collected	136,780.23
New Campaign total: \$2,740,858.29		
Total number of contributors: 13,721		

University Centre Fund

67	gifts received during period	26,047.00
55	pledges collected	21,728.00
New total for fund: \$181,934.60		
Total number of contributors: 1,257		

School of Journalism Fund

37	gifts received during period	2,017.57
1	pledge collected	25.00
New total for fund: \$7,248.13 plus		
9 scholarships and awards		
Total number of contributors: 156		

School of Architecture Fund

15	gifts received during period	1,480.00
13	pledges collected	540.00
New total for fund: \$8,463.00 plus		
11 scholarships and awards		
Total number of contributors: 101		

Friends of Carleton Fund

226	gifts received during period	7,915.00
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Bequest Program

Bequests received during period		106,343.62
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Information Office

During the past year, the Information Office's work was again carried out in three primary areas: Features, Publications, and News and Events.

The work in the features area, which mainly involves liaison with national television and radio programs, saw the most dramatic growth. Mrs. Caroline Midgley was involved in providing background material, and suggestions, story ideas and the arranging of interviews with faculty members and students from Carleton and producers and reporters in the media.

Some of the more interesting results occurred through faculty, student and staff collaboration on the CTV program "W5", by developing stories from conception to on-air presentation. Some five programs were aired. Segments from some of the television stories provided the basis for the film "Carleton Impressions", produced by Warner Troyer for use in the Central Canada Exhibition. The film will also be used for high school liaison as well as public relations purposes over the next few years.

A pilot film for a proposed network series was produced by CJOH with Dr. George Setterfield and his work in the area of cytology. An article "The Biology Teacher as Poet" which described Mrs. M. L. Florian's lecture method appeared in "Weekend" magazine.

A new research publication has also been set up within Mrs. Midgley's area with the Dean of Graduate Studies to provide a concise statement under one cover of the faculties' research interests, current projects and publications. This publication will be produced and edited by the Information Office and published in October of each year. A smaller publication will appear in the spring which will provide an in-depth report on activities of a few departments each year so that every department will be covered over the course of four years.

The 1970 Carleton exhibit at the Central Canada Exhibition preoccupied many in the

office during the spring, as the Information Office co-ordinated the production of the booth. At the suggestion of Professor Douglas Shadbolt, Director of the School of Architecture, it was agreed to ask four architecture students to design, research, and actually build the Carleton structure. The booth consisted of the film by Mr. Troyer, two rear-screen slide projection shows, extensive super graphics (of photos and information), and an information area manned by students and alumni.

The number of requests for assistance in the production of publications increased significantly again, from some 50 items in 68/69 to almost double that figure. These publications ranged from one-page posters, to the President's Report, and the services provided by the Information Office included the arrangements for design, printing, and, at times, editorial assistance.

We feel certain that the important role undertaken by the office in the field of University graphics and publications will continue, and it is hoped that the "house style" already apparent in many publications will be adapted to further uses.

In the area of News and Events, there occurred more extensive coverage of all levels of university government, mainly with Senate, but also including some committees of the Board of Governors which now hold open meetings. This trend of greater communication and resulting dissemination will increase no doubt, and the four to eight page weekly gazette which is planned for the fall should facilitate this publicity.

In addition to the four convocation ceremonies (one in the fall, three in the spring) and the awards ceremony, the Environmental Laboratories-Biology Annex was formally opened in September.

Donald M. Pattison
Associate Information Officer

